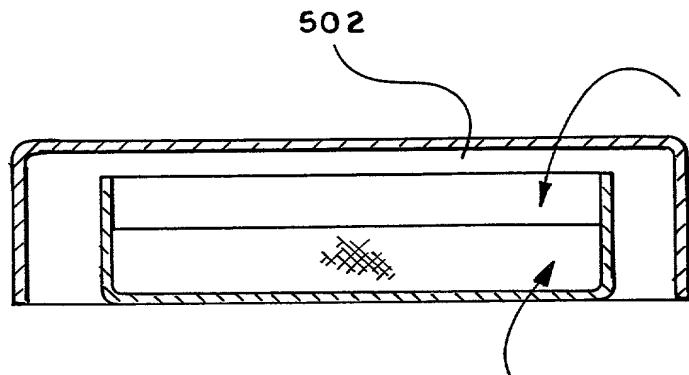
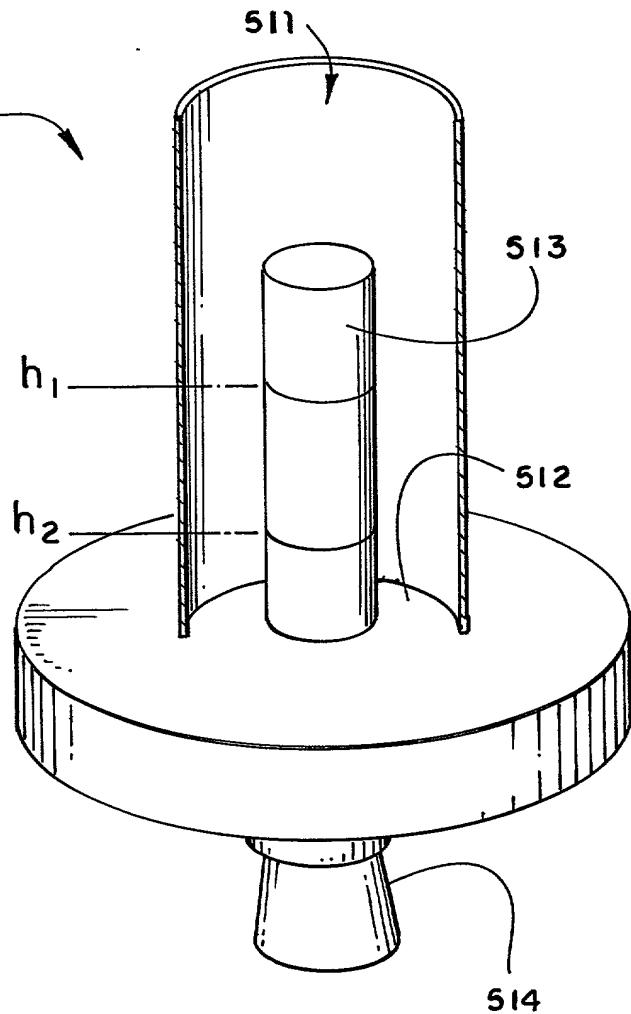
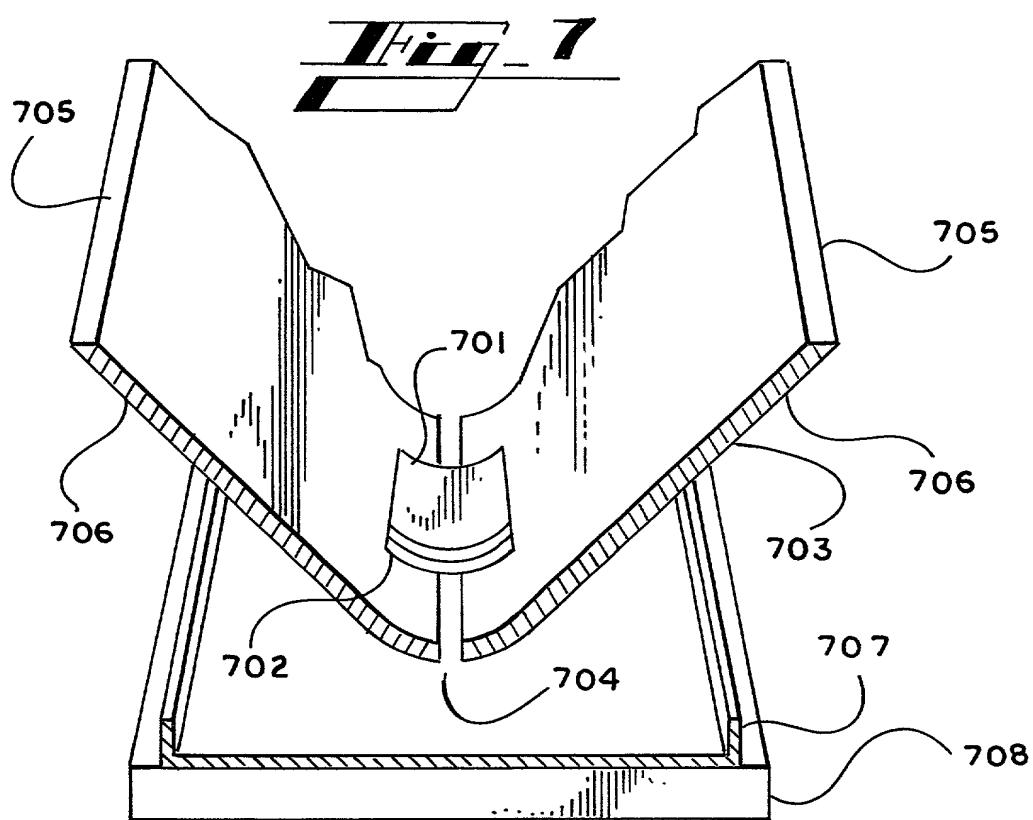
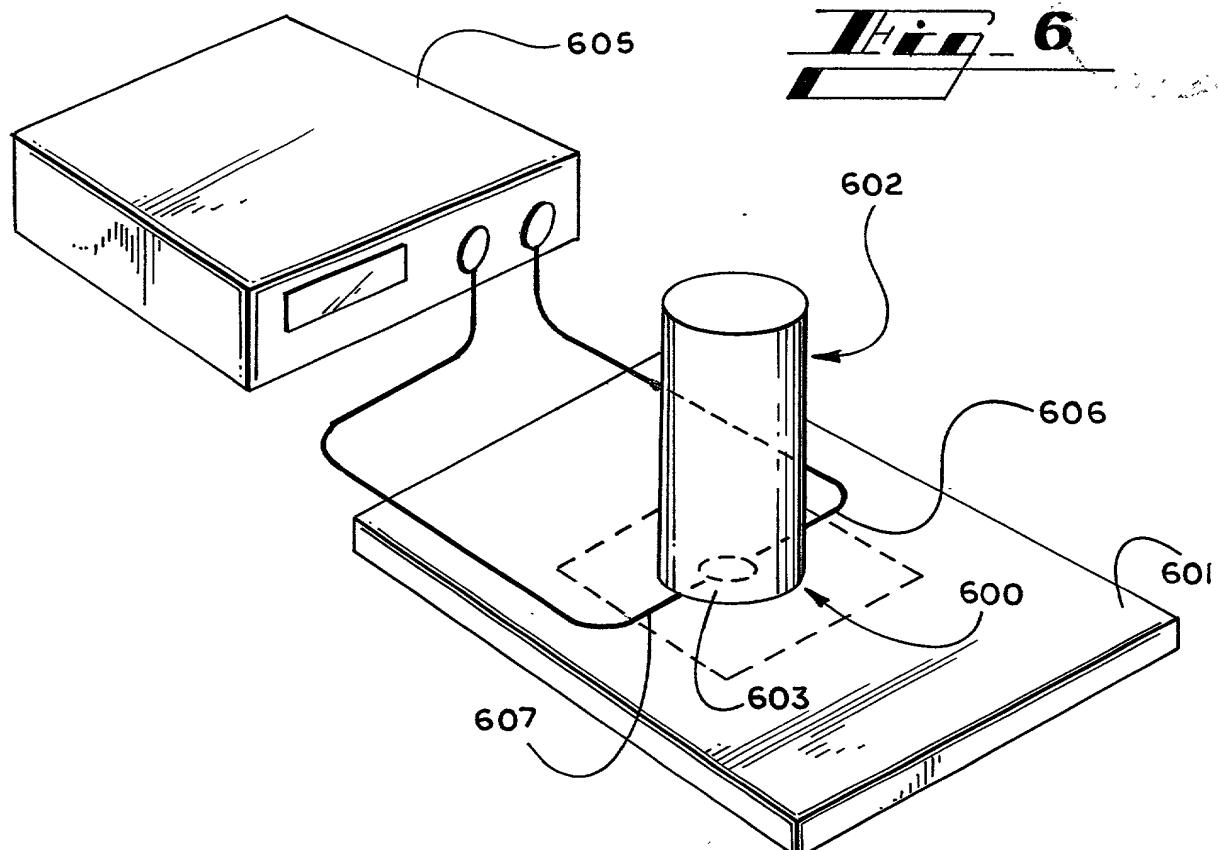


**Fig. 5A**

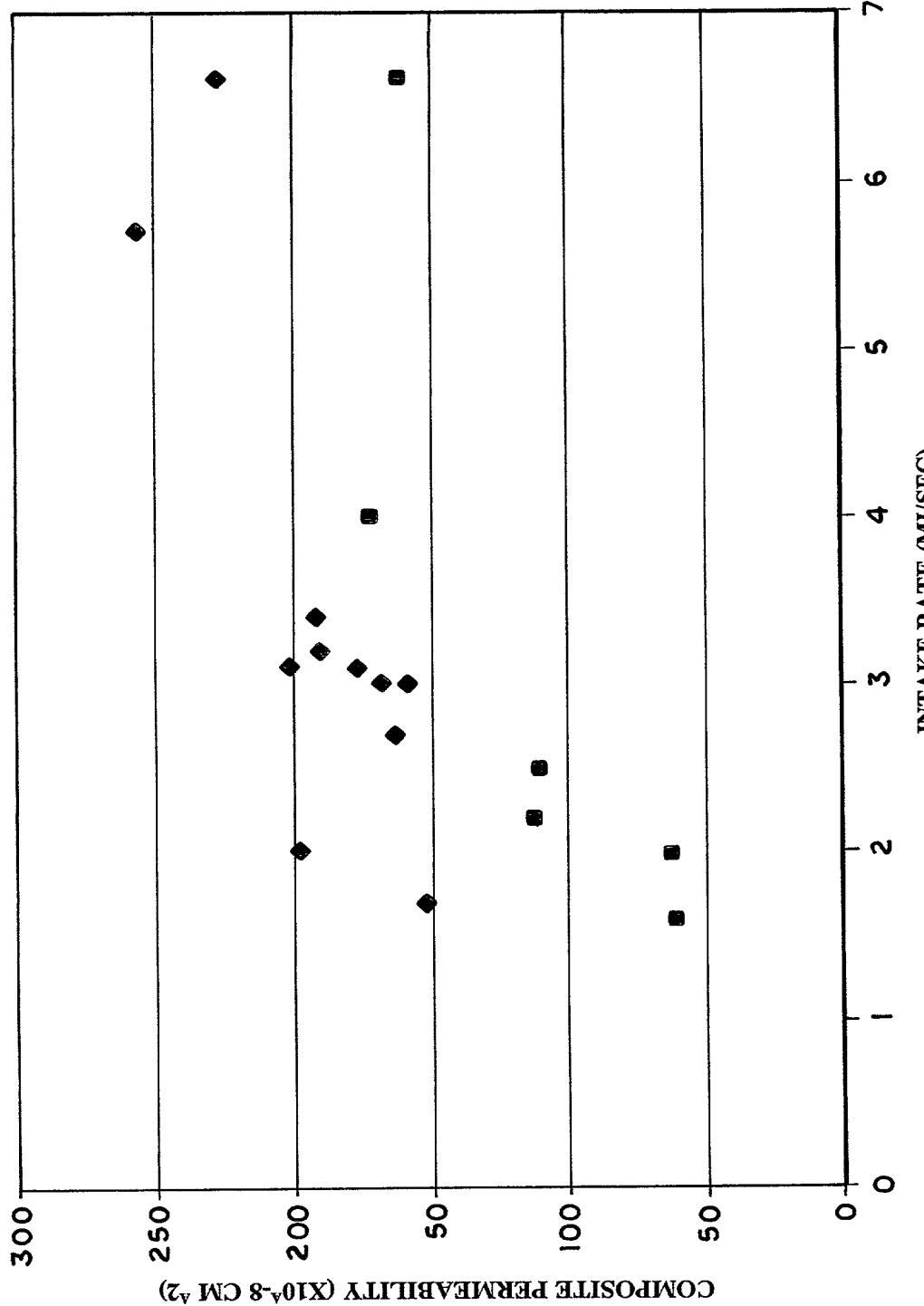
**Fig. 5B**



**Fig. 5C**



COMPOSITE PERMEABILITY VS INTAKE RATE SPACE



INTAKE RATE (MI/SEC)

7  
6  
5  
4  
3  
2  
1  
0

*Hirsh* - 8